

Title (en)

WIPER DEVICE FOR CLEANING A SENSOR FIELD OF VISION ON A WINDSHIELD

Title (de)

WISCHEINRICHTUNG ZUM REINIGEN EINES SENSORSICHTFELD AN EINER WINDSCHUTZSCHEIBE

Title (fr)

DISPOSITIF D'ESSUYAGE POUR LE NETTOYAGE D'UN CHAMP OPTIQUE DE CAPTEUR SUR UN PARE-BRISE

Publication

EP 3898345 A1 20211027 (DE)

Application

EP 19829505 A 20191217

Priority

- DE 102018132632 A 20181218
- EP 2019085743 W 20191217

Abstract (en)

[origin: CA3121881A1] A wiper arrangement for cleaning a field of vision of a sensor on a windshield of a vehicle equipped with a windshield wiper arrangement, such as a rail vehicle. The wiper arrangement comprises a wiper element and a carrier fastened to or in proximity of the windshield. The wiper element is movably supported on the carrier such that it can be brought into and out a stable holding position by overcoming a defined holding force. The wiper element can be brought out of the stable holding position by a wiping movement of a wiper blade of the windshield wiper arrangement, thereby being actuated simply by the wiping movement of the wiper blade and avoiding the use of additional actuation means. A vehicle includes a windshield system, which itself includes both the windshield wiper arrangement and the wiper arrangement.

IPC 8 full level

B60S 1/06 (2006.01); **B60S 1/04** (2006.01); **B60S 1/56** (2006.01)

CPC (source: EP US)

B60S 1/04 (2013.01 - EP); **B60S 1/0452** (2013.01 - EP US); **B60S 1/06** (2013.01 - EP); **B60S 1/08** (2013.01 - US); **B60S 1/56** (2013.01 - EP); **B60S 1/566** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102018132632 A1 20200618; CA 3121881 A1 20200625; CA 3121881 C 20240611; CN 113423618 A 20210921; EP 3898345 A1 20211027; EP 3898345 B1 20221123; ES 2937139 T3 20230324; PL 3898345 T3 20230411; US 11987214 B2 20240521; US 2022063564 A1 20220303; WO 2020127337 A1 20200625

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DE 102018132632 A 20181218; CA 3121881 A 20191217; CN 201980084027 A 20191217; EP 19829505 A 20191217; EP 2019085743 W 20191217; ES 19829505 T 20191217; PL 19829505 T 20191217; US 201917415088 A 20191217